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**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Applicant: Mark Donald Chappell

For: OPIOID RECEPTOR ANTAGONISTS

Docket No.: X-16660

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure, Applicants submit an "Information Disclosure Citation In An Application" on a Form PTO-1449 (modified) and provides a copy of documents BA-BK and CA-CD for consideration by the Examiner.

Since this Statement is being filed in accordance with 37 C.F.R. 1.97(b), Applicants submit that no additional fee is required.

Applicants request consideration of this information.

Respectfully submitted,

/John C. Demeter/

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Eli Lilly and Company  
Patent Division  
P.O. Box 6288  
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12 July 2006

FORM PTO 1449 (modified)  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty. Docket No. X-16660	Serial No
	First Applicant Mark Donald Chappell	
	Filing Date	Group

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pages or Relevant Figures Appear
	AA	US 5,084,449	January 28, 1992	Seydel, et al.	
	AB	US 3,976,784	August 24, 1976	Coles, et al.	
	AC	US 2,456,258	December 14, 1948	Dohrn Max, et al.	
	AD	US 5,883,096	March 16, 1999	Lowe, et al.	
	AE	US 5,077,304	December 31, 1991	Pascual	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	WO 03/002519	January 9, 2003	Bayer		✓
	BB	FR 2 291 743	June 18, 1976	Roussel Uclaff		✓
	BC	WO 02/12224	February 14, 2002	Ortho McNeil Pharmaceutical, Inc.		
	BD	WO 00/59878	October 12, 2000	ICOS Corporation		
	BE	EP 1 113 000	July 4, 2001	Ajinomoto Co., Inc.		
	BF	EP 1 193 255	April 3, 2002	Ajinomoto Co., Inc.		
	BG	WO 99/33806	July 8, 1999	Ortho-McNeil Pharmaceutical, Inc.		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. Burden Hours Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case.

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FORM PTO 1449 (modified)				Atty. Docket No. X-16660		Serial No	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				First Applicant Mark Donald Chappell			
				Filing Date		Group	
	BH	WO 2004/093800	November 4, 2004	The Regents of the University of California			
	BI	WO 2004/026305	April 1, 2004	Eli Lilly and Company			
	BJ	JP 2001064176	March 13, 2001	Sumitomo Chem Co., Ltd.			✓
	BK	JP 2001089412	April 3, 2001	Otsuka Pharmaceutical Co., Ltd.			✓
	BL	WO 2004/080968	September 23, 2004	Eli Lilly and Company			
	BM	WO 2004/080996	September 23, 2004	Eli Lilly and Company			
	BN	WO 2005/061442	July 7, 2005	Eli Lilly and Company			
	BO	WO 2005/066164	July 21, 2005	Eli Lilly and Company			
<b>NON PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published.					T <sup>6</sup>
	CA	Database Caplus "online," Chemical Abstracts Service, Takahashi, et al, "Pyridine derivatives containing sulfur IV. Synthesis of nitro and aminopyridines," XP002338663					
	CB	Database Caplus "online," Chemical Abstracts Service, Acharya, et al., "Synthesis of substituted phenyl 2-pyridyl ethers," XP002338664					
	CC	Wenner, et al., "4-Aminomethyl-4'-aminodiphenyl sulfone and related compounds," Journal of Organic Chemistry, Vol. 22, pgs. 5508-5513 (1957)					
	CD	Surrey, et al, "Sulfides and sulfones of pyridine and quinoline," Journal of the American Chemical Society," Vol. 63, pg. 173 (1940)					
	CE						
	CF						
	CG						
Examiner Signature				Date Considered			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. Burden Hours Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.